FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE CUSTOMER NO. 22,852 REV. 2/01T ATTORNEY'S DOCKET NUMBER TRANSMITTAL LETTER TO THE UNITED STATES 02814.0068-00000 **DESIGNATED/ELECTED OFFICE (DO/EO/US)** U.S. APPLICATION NO. **CONCERNING A FILING UNDER 35 U.S.C. 371** (If known, see 37CFR1.5) 10/511390 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED PCT/ZA03/00052 April 15, 2003 April 16, 2002 TITLE OF INVENTION HYDROCARBON SYNTHESIS PROCESS USING A HYDROCARBON SYNTHESIS CATALYST AND AN ACIDIC CATALYST APPLICANTS FOR DO/EO/US Frederick Gideon BOTES, Tracy Carolyn BROMFIELD, Philip GIBSON, and Rafael Luis ESPINOZA Applicant(s) herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  $\boxtimes$ 1. This is a FIRST submission of items concerning a filing under 35 U.S.C 371. 2. This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.  $\boxtimes$ 4. The US has been elected by the expiration of 19 months from the priority date (Article 31).  $\boxtimes$ 5. A copy of the International Application as filed (35 U.S.C. 371 (c)(2)). 図 is attached hereto (required only if not communicated by the International Bureau. a. b. has been communicated by the International Bureau. is not required, as the application was filed with the United States Receiving Office (RO/US). c. 6. An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)). is attached hereto. a.  $\Box$ has been previously submitted under 35 U.S.C. 154 (d)(4). h 7.  $\boxtimes$ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)). are attached hereto (required only if not communicated by the International Bureau). a. b. have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. Ø have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)). 9. An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). Ø Annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). 10. Items 11 to 20 below concern document(s) or information included: Information Disclosure Statement under 37 CFR 1.97 and 1.98 11.  $\boxtimes$ 12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13.  $\boxtimes$ A FIRST preliminary amendment. 14.  $\Box$ A SECOND or SUBSEQUENT preliminary amendment. 15. A Substitute specification. 16. A change of power of attorney and/or address letter. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825. 17. 18. A second copy of the published international application under 35 U.S.C. 154 (d)(4). A second copy of the English language translation of the international application 35 U.S.C. 154 (d)(4). 19. 20. Other items or information: a.  $\boxtimes$ Copy of cover page of International Publication No. WO 03/087266 A1 b. Copy of Notification of Missing Requirements.  $\boxtimes$ c. Request for Substitution of Replacement Sheets

U.S. APPLICATION NO. (If known, see 37CFR 1.5)  10/511390			INTERNATIONAL APPLICATION NO. PCT/ZA03/00052			ATTORNEY'S DOCKET NUMBER 02814.0068-00000	
21.  The following fees are submitted:						CALCULATIONS PTO USE ONLY	
BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):							
Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO							
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO\$950.00							
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search fee (37 CFR 1.445(a)(2)) paid to USPTO							
International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4)							
International preliminary examination fee (37 CFR 1.482) paid to USPTOand all claims satisfied provisions of PCT Article 33 (1)-(4)						\$950.00	T
ENTER APPROPRIATE BASIC FEE AMOUNT =							
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492 (e)).						\$	
CLAIMS	NIMS NUMBER FILED NUMBER EXTRA RATE		TE				
Total Claims	14	- 20 =		x \$18.00		\$	
Independent Claims	ms 2 -3 = x \$88.00		8.00	\$			
MULTIPLE DEPENDENT CLAIM(S) (if applicable) +\$300.00							
TOTAL OF THE ABOVE CALCULATIONS =						\$1250.00	
Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.						\$	
SUBTOTAL =						\$1250.00	
Processing fee of \$130.00 for furnishing the English translation later than \( \bigcup 20 \) \( \bigcup 30 \) months from the earliest priority date (37 CFR 1.492(f)).						\$	
TOTAL NATIONAL FEE =						\$1250.00	
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.						\$	
TOTAL FEES ENCLOSED =						\$1250.00	
						Amount to be refunded:	\$
						charged:	\$
a. A check in the amount of \$ 1250.00 to cover the above fees is enclosed.						L	1
b. Please charge my Deposit Account No in the amount of \$ to cover the above fees.  A duplicate copy of this sheet is enclosed.							
c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>06-0916</u> . A duplicate copy of this sheet is enclosed.							
d.  Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.							
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or must be filed and granted to restore the application to pending status.							
SEND ALL CORRESPONDENCE TO:							
Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P.							
1300 I Street, N.W. SIGNATURE							
Washington, D.C. 20005-3315 Ernest F. Chapman/Reg. No. 25,9						1	
DATED: October 15, 2004 NAME/REGISTRATION NO.							

Frederick Gideon BOTES, et al. Attorney Docket No. 02814.0068-00000

## ANNEXES TO THE PRELIMINARY EXAMINATION REPORT (ARTICLE 34 AMENDMENTS)

Commissioner of Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

## REQUEST FOR SUBSTITUTION OF REPLACEMENT SHEETS

Please substitute the attached (6) replacement sheets 4, 5, 6, 15, 16, and 20 of the Article 34 Amendments for sheets 4, 5, 6, 15, 16, and 20 respectively, of the specification in the enclosed copy of the as-filed PCT application and (3) replacement sheets 21, 22, and 23 of the claims containing the Article 34 Amendments for sheets 21 and 22 of the claims in the enclosed copy of the as-filed PCT application. It is respectfully requested that the specification and claims in the replacement sheets be examined during examination of the patent application. Claims 1-11 are currently pending.

Respectfully submitted,

FINNEGAN, HENDERSON, FARBOW, GARRETT & DINNER, L.L.P.

Dated: October 15, 2004

Ernest F. Chapman Reg. No. 25,961

Enclosures EFC/FPD/rac

ENFARED